

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

LEE MCBRYDE, ET AL.

Application No.:

Filed:

For: **Data management architecture**

Art Group:

Examiner:

Assistant Commissioner for Patents  
Washington, D.C. 20231

**TRANSMITTAL OF FORMAL DRAWINGS**

Sir:

Enclosed herewith for filing in the above-identified U.S. Patent Application are the formal drawings, 10 sheets including 10 Figures. Applicant hereby authorizes any additional extension or petition fees under 37 C.F.R. §1.17 or credit for any overpayment to our Deposit Account No. 02-2666. A copy of the Fee Transmittal sheet is enclosed.

Respectfully submitted,

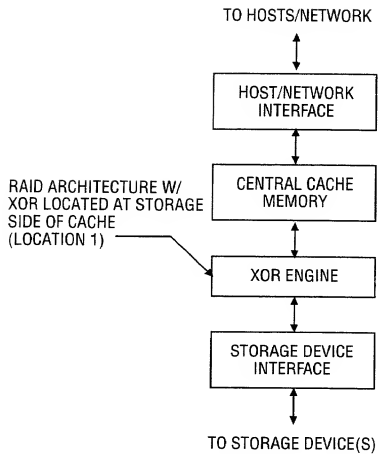
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Dated: 5/17/01

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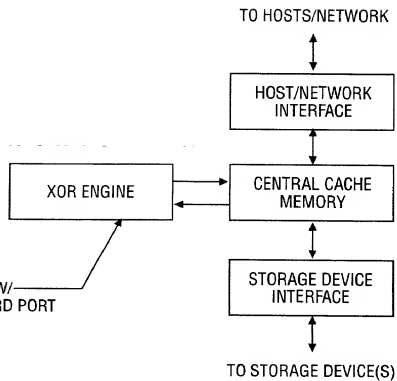
09082471.061401



**FIG. 1**  
**(PRIOR ART)**

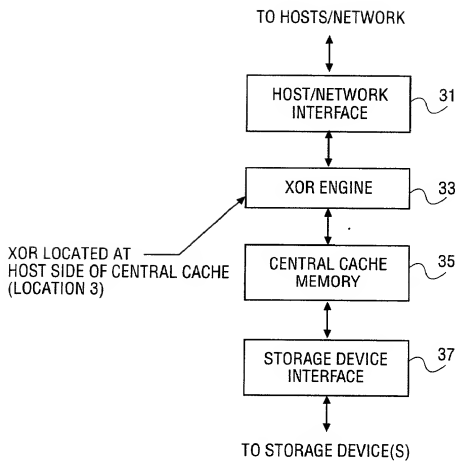
0002471-061403

RAID ARCHITECTURE W/  
XOR LOCATED AS THIRD PORT  
TO CENTRAL CACHE  
(LOCATION 2)



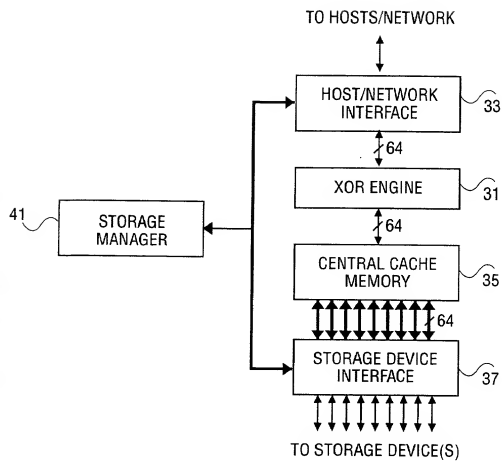
**FIG. 2**

0082471 06401  
10490142860



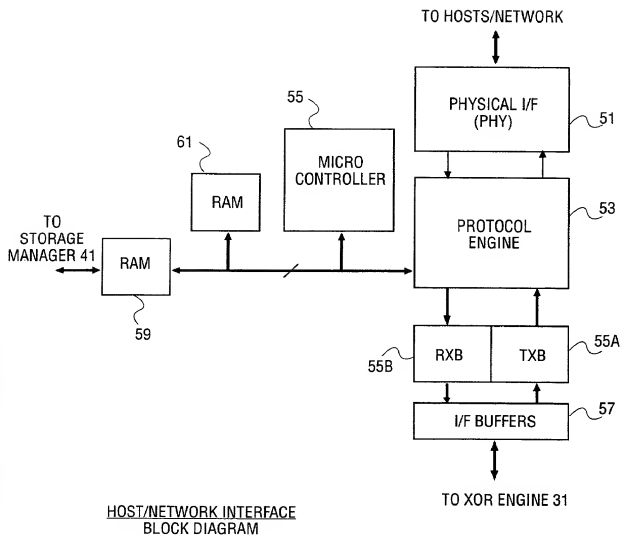
**FIG. 3**

STORAGE ACCESS CONTROLLER  
BLOCK DIAGRAM



**FIG. 4**

0982471-054402  
1045012428860



**FIG. 5**

# XOR ENGINE BLOCK DIAGRAM

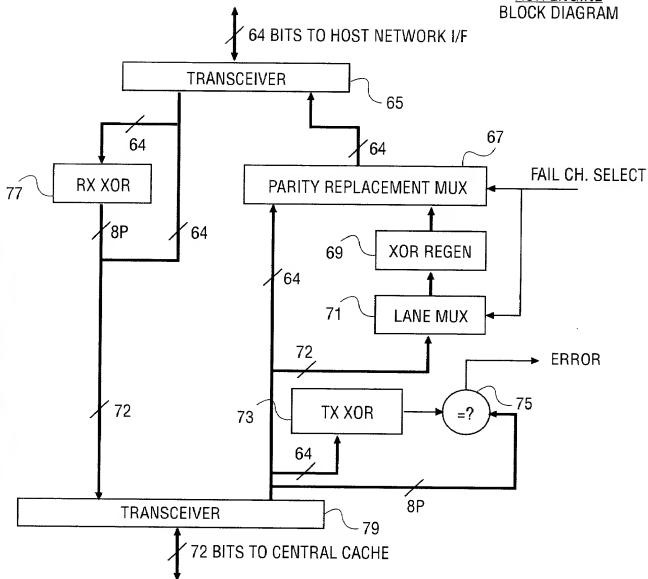
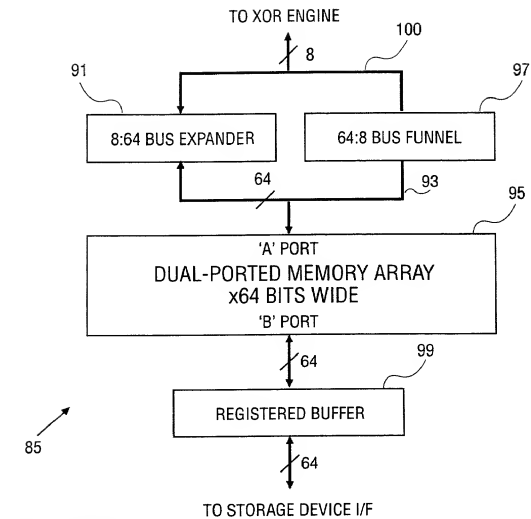


FIG. 6

09882471.061401

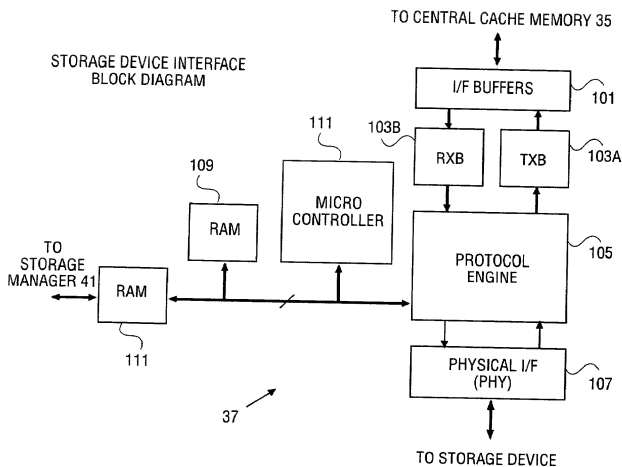






CACHE SEGMENT  
BLOCK DIAGRAM

FIG. 8



**FIG. 9**

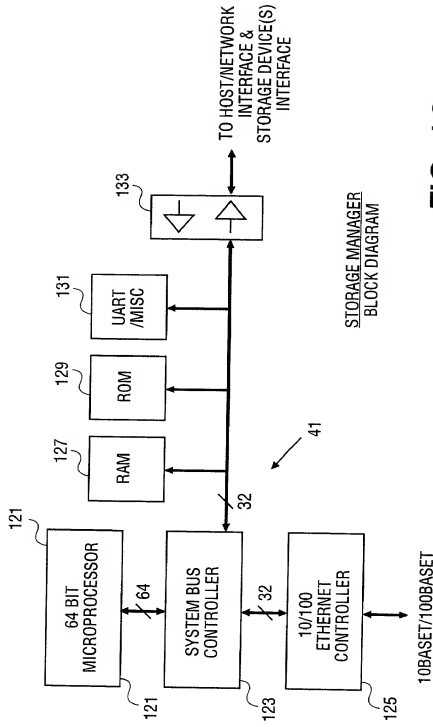


FIG. 10